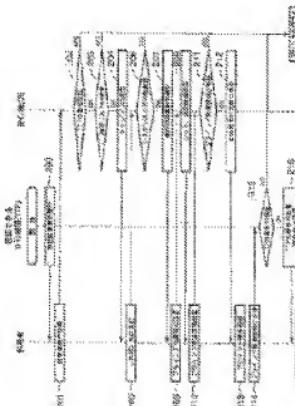


**ELECTRONIC CERTIFICATE, METHOD, APPARATUS AND PROGRAM FOR ISSUING AND VERIFYING ELECTRONIC CERTIFICATE, AND RECORDING MEDIUM FOR PROGRAM****Publication number:** JP2003258787 (A)**Publication date:** 2003-09-12**Inventor(s):** IIDA TAKAHIRO; UENO MASAMI; AGAWA YUSUKE; KITO TOSHIYUKI +**Applicant(s):** NIPPON TELEGRAPH & TELEPHONE +**Classification:****- International:** G06Q10/00; G06Q50/00; H04L9/08; G06Q10/00; G06Q50/00; H04L9/08; (IPC1-7): G06F17/60; H04L9/08**- European:****Application number:** JP2002050053 20020226**Priority number(s):** JP2002050053 20020226**Abstract of JP 2003258787 (A)**

**PROBLEM TO BE SOLVED:** To provide a method for issuing an electronic certificate by which the load of an anonymous authentication system can be reduced and anonymous authentication services can be provided without damaging security even with respect to conspiracy of any subject except for a reliable public institution. ; **SOLUTION:** A public institution device TTP verifies the digital signature of a publisher from blind decompressed information acquired by implementing a prescribed calculation on the digital signature due to a publisher device transmitted from a user device by a prescribed calculation, and the digital signature of the public institution device TTP is implemented on the blind decompressed information and transmitted to the user device as the electronic certificate. ;

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